DP-310807

AUTOMATIC DEFOG CONTROL METHOD FOR A VEHICLE CLIMATE CONTROL SYSTEM

Abstract of the Disclosure

A vehicle climate control develops a fog factor signal based on a water vapor mass flow between the windglass and the air in the vehicle cabin, and uses the index to override the normal control settings. The potential for windglass fogging is characterized as a vapor concentration differential, normalized to form a dimensionless indication of fog potential, and fog potential values within a calibrated range are applied to a variable path function for transitioning between normal climate control and full defog control.